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## Switching - Loadbreak Switches

IP65 Polycarbonate Enclosure

**"Now fitted with the 'OT' load break switch giving greater ratings and performance"**

- IP65 three and four-pole switch disconnectors suitable for load break switching or isolation.
- Polycarbonate enclosure. IEC 60947-3



S37K5N

### Polycarbonate Enclosure 9kW ... 11kW 3 pole

| Rating@415v<br>[Ith A] | kW     |        | Dimensions |     |     | Number<br>of Poles | Order Code | Price £ |
|------------------------|--------|--------|------------|-----|-----|--------------------|------------|---------|
|                        | [AC22] | [AC23] | H          | W   | D   |                    |            |         |
| 32                     | 25     | 9      | 125        | 100 | 107 | 3                  | S37K5N     | 20.05   |
| 40                     | 40     | 11     | 125        | 100 | 107 | 3                  | S315KN     | 26.34   |

### Polycarbonate Enclosure 9kW ... 37kW 4 pole

| Rating@415v<br>[Ith A] | kW     |        | Dimensions |     |     | Number<br>of Poles | Order Code | Price £ |
|------------------------|--------|--------|------------|-----|-----|--------------------|------------|---------|
|                        | [AC22] | [AC23] | H          | W   | D   |                    |            |         |
| 32                     | 25     | 9      | 125        | 100 | 107 | 4                  | S47K5N     | 20.05   |
| 40                     | 40     | 11     | 125        | 100 | 107 | 4                  | S415KN     | 26.34   |
| 63                     | 63     | 22     | 170        | 140 | 108 | 4                  | S418KN     | 46.64   |
| 80                     | 80     | 37     | 170        | 140 | 108 | 4                  | S426KN     | 65.72   |

### Auxiliary Contacts

| Auxiliary contacts | n.o. | n.c. | Order Code | Price £ |
|--------------------|------|------|------------|---------|
| 10                 | 1    | -    | OA1G10     | 4.98    |
| 10                 | -    | 1    | OA1G01     | 4.98    |
| 10                 | 1    | 1    | OA2G11     | 6.81    |

**Note:** A maximum of two auxiliary contact blocks can be fitted to each switch



## Switching - Loadbreak Switches

### IP65 Plastic Enclosure

#### 3 - 4 - 6 pole 16...125 amps

- IP65 rated
- Grey plastic enclosure
- Standard handle - Red/Yellow (padlockable in the off position)
- Cable entries top and bottom
- All OTP16 (excluding 3p) /25/32 all have 25/20mm reducers



OTP16BA3M



OTP25BA3M



OTP45BA3M



OTP80BA3U

| Rating @ 415v |        |        |     | Cable entries            | Dimensions |     |     | Number of Poles  | Order Code | Price £ |
|---------------|--------|--------|-----|--------------------------|------------|-----|-----|------------------|------------|---------|
| [Ith A]       | [AC22] | [AC23] | kW  |                          | H          | W   | D   |                  |            |         |
| 25            | 16     | 16     | 7.5 | 3P-2xM20<br>4P-2xM25+M16 | 120        | 85  | 60  | 3+ solid neutral | OTP16BA3M  | 17.89   |
|               |        |        |     |                          | 150        | 130 | 60  | 4                | OTP16BA4M  | 24.07   |
|               |        |        |     |                          | 150        | 130 | 85  | 6                | OTP16BA6M  | 53.09   |
| 32            | 25     | 20     | 9   | 2xM25+M16                | 150        | 130 | 60  | 3+ solid neutral | OTP25BA3M  | 23.06   |
|               |        |        |     |                          | 150        | 130 | 60  | 4                | OTP25BA4M  | 26.48   |
|               |        |        |     |                          | 150        | 130 | 85  | 6                | OTP25BA6M  | 56.67   |
| 40            | 40     | 23     | 11  | 2xM25+M16                | 150        | 130 | 60  | 3+ solid neutral | OTP32BA3M  | 25.01   |
|               |        |        |     |                          | 150        | 130 | 60  | 4                | OTP32BA4M  | 28.51   |
|               |        |        |     |                          | 150        | 130 | 85  | 6                | OTP32BA6M  | 60.34   |
| 63            | 63     | 45     | 22  | 2xM32+M16                | 200        | 145 | 90  | 3+ solid neutral | OTP45BA3M  | 34.72   |
|               |        |        |     |                          | 200        | 145 | 90  | 4                | OTP45BA4M  | 40.15   |
|               |        |        |     |                          | 200        | 145 | 90  | 6                | OTP45BA6M  | 76.42   |
| 80            | 80     | 75     | 37  | 2xM32+M16                | 200        | 145 | 90  | 3+ solid neutral | OTP63BA3M  | 44.04   |
|               |        |        |     |                          | 200        | 145 | 90  | 4                | OTP63BA4M  | 51.80   |
|               |        |        |     |                          | 200        | 145 | 90  | 6                | OTP63BA6M  | 90.67   |
| 80            | 80     | 55     | 30  | Blank plates             | 400        | 200 | 140 | 3+ solid neutral | OTP80BA3U  | 79.66   |
|               |        |        |     |                          | 400        | 200 | 140 | 4                | OTP80BA4U  | 110.42  |
|               |        |        |     |                          | 400        | 200 | 140 | 6                | OTP80BA6U  | 192.34  |
| 125           | 125    | 90     | 45  | Blank plates             | 400        | 200 | 140 | 3+ solid neutral | OTP125BA3U | 142.48  |
|               |        |        |     |                          | 400        | 200 | 140 | 4                | OTP125BA4U | 164.48  |
|               |        |        |     |                          | 400        | 200 | 140 | 6                | OTP125BA6U | 259.03  |



## Switching - Loadbreak Switches

### IP65 Steel Enclosure

3



OT100TPN



OT315TPN

#### 3 - 4 pole 20 ... 400A

- IP65 rated (not suitable for external installation)
- Powder coated textured finish (RAL 7035)
- All 3 pole switches include detachable neutral link (OT160 solid link)
- Hinged lid complete with 2 fastening screws (removable)
- Padlockable pistol grip handle as standard
- Removable gland plates fitted top and bottom (see below for knockout configurations)
- Spreader Boxes available see page 3/10

*"New enclosure dimensions to improve termination of cables"*

| Rating @ 415v<br>[1th A][AC22][AC23] |     |     | Cable Cross<br>Section mm <sup>2</sup> | Dimensions<br>H W D | Spreader<br>Box | Number<br>of Poles | Order Code | Price £ |
|--------------------------------------|-----|-----|----------------------------------------|---------------------|-----------------|--------------------|------------|---------|
| 32                                   | 25  | 20  | 0.75 .. 10                             | 160 160 120         | SB1G            | 3+detach neutral   | OT20TPN    | 73.68   |
|                                      |     |     |                                        |                     |                 | 4                  | OT20FP     | 80.43   |
| 40                                   | 40  | 23  | 0.75 .. 10                             | 160 160 120         | SB1G            | 3+detach neutral   | OT32TPN    | 89.74   |
|                                      |     |     |                                        |                     |                 | 4                  | OT32FP     | 96.07   |
| 80                                   | 80  | 75  | 1.5 .. 35                              | 300 240 120         | SB1G            | 3+detach neutral   | OT63TPN    | 146.12  |
|                                      |     |     |                                        |                     |                 | 4                  | OT63FP     | 154.70  |
| 115                                  | 100 | 80  | 10 .. 70                               | 400 300 160         | SB2G            | 3+detach neutral   | OT100TPN   | 229.45  |
|                                      |     |     |                                        |                     |                 | 4                  | OT100FP    | 240.27  |
| 125                                  | 125 | 90  | 10 .. 70                               | 400 300 160         | SB2G            | 3+detach neutral   | OT125TPN   | 246.03  |
|                                      |     |     |                                        |                     |                 | 4                  | OT125FP    | 253.32  |
| 160                                  | 160 | 135 | min. 95                                | 500 360 160         | SB2G            | 3+solid neutral    | OT160TPN   | 377.09  |
|                                      |     |     |                                        |                     |                 | 4                  | OT160FP    | 392.61  |
| 200                                  | 200 | 200 | Bolt M8x25                             | 500 360 160         | SB2G            | 3+detach neutral   | OT200TPN   | 412.63  |
|                                      |     |     |                                        |                     |                 | 4                  | OT200FP    | 436.91  |
| 315                                  | 315 | 315 | Bolt M10x30                            | 500 360 160         | SB2G            | 3+detach neutral   | OT315TPN   | 473.27  |
|                                      |     |     |                                        |                     |                 | 4                  | OT315FP    | 508.12  |
| 500                                  | 500 | 500 | Bolt M10x30                            | 500 360 160         | SB2G            | 3+detach neutral   | OT400TPN   | 674.36  |
|                                      |     |     |                                        |                     |                 | 4                  | OT400FP    | 716.09  |

Add 45mm to dimension "D" for handle (all versions)

**Knockout Configuration:** (One supplied blank, one supplied as below)

|                 |                    |                   |                   |
|-----------------|--------------------|-------------------|-------------------|
| 20 - 32A        | 2 x 20mm           | 1 x 25mm (centre) |                   |
| 63 - 100 - 125A | 1 x 25mm           | 1 x 32mm          | 1 x 40mm (centre) |
| 160 - 400A      | Blank gland plates |                   |                   |



## Switching - Changeover Switches

### IP65 Steel Enclosure

#### 3 - 4 pole 25 ... 800A

- IP65 rated (not suitable for external installation)
- Powder coated textured finish (RAL 7035)
- Hinged lid complete with 2 fastening screws (removable)
- Padlockable pistol grip handle as standard
- Removable gland plates fitted top and bottom (see below for knockout configurations)
- Spreader Boxes available see page 3/10

*"New enclosure dimensions to improve termination of cables"*



| Rating @     |                                     | Dimensions |     |     | Spreader Box | Number of Poles | Order Code | Price £  |
|--------------|-------------------------------------|------------|-----|-----|--------------|-----------------|------------|----------|
| 415v [lth A] | Cable Cross Section mm <sup>2</sup> | H          | W   | D   |              |                 |            |          |
| 25           | 0.75 .. 10                          | 300        | 240 | 120 | SB1G         | 3               | OT20TPC    | 208.95   |
|              |                                     |            |     |     |              | 4               | OT20FPC    | 219.45   |
| 32           | 0.75 .. 10                          | 300        | 240 | 120 | SB1G         | 3               | OT32TPC    | 213.26   |
|              |                                     |            |     |     |              | 4               | OT32FPC    | 225.22   |
| 63           | 1.5..35                             | 300        | 240 | 120 | SB1G         | 3               | OT63TPC    | 247.18   |
|              |                                     |            |     |     |              | 4               | OT63FPC    | 263.92   |
| 125          | 10..70                              | 300        | 240 | 120 | SB1G         | 3               | OT125TPC   | 338.25   |
|              |                                     |            |     |     |              | 4               | OT125FPC   | 373.61   |
| 200*         | Bolt M8x20                          | 800        | 600 | 335 | SB4G         | 3               | OT200TPC   | 842.89   |
|              |                                     |            |     |     |              | 4               | OT200FPC   | 909.70   |
| 315*         | Bolt M10x30                         | 800        | 600 | 335 | SB4G         | 3               | OT315TPC   | 962.27   |
|              |                                     |            |     |     |              | 4               | OT315FPC   | 1,062.61 |
| 400*         | Bolt M10x30                         | 800        | 600 | 335 | SB4G         | 3               | OT400TPC   | 1,140.83 |
|              |                                     |            |     |     |              | 4               | OT400FPC   | 1,250.68 |
| 630*         | Bolt M12x40                         | 800        | 600 | 335 | SB4G         | 3               | OT630TPC   | 1,432.39 |
|              |                                     |            |     |     |              | 4               | OT630FPC   | 1,599.45 |
| 800*         | Bolt M12x40                         | 800        | 600 | 335 | SB4G         | 3               | OT800TPC   | 1,695.00 |
|              |                                     |            |     |     |              | 4               | OT800FPC   | 1,890.91 |

Supplied with bridging bars (not fitted) \*  
Add 45mm to dimensions "D" for handle (all versions)

**Knockout Configuration:** (One supplied blank, one supplied as below)

|                 |                    |                            |
|-----------------|--------------------|----------------------------|
| 20 - 32A        | 2 x 20mm           | 1 x 25mm (centre)          |
| 63 - 100 - 125A | 1 x 25mm           | 1 x 32mm 1 x 40mm (centre) |
| 160 - 800A      | Blank gland plates |                            |

#### Automatic Changeover Panels 20A - 800A) depending on type

Types available on request

- Contactor
- Contactor with Phase Failure
- MCCB

### 3 - 4 pole 20 ... 630A

- IP65 rated (not suitable for external installation)
- Powder coated textured finish (RAL 7035)
- All switches supplied with fuses
- All 3 pole switches include detachable neutral link (OT160 solid link)
- Hinged lid complete with 2 fastening screws (removable)
- Padlockable pistol grip handle as standard
- Removable gland plates fitted top and bottom (see below for knockout configurations)
- Switches internally are rated IP20 on incoming terminals up to 63A
- Switches 100A and above have a shroud fitted to the incoming terminals to increase protection when the door is open
- Spreader Boxes available see page 3/10
- 2 gland plates included one blank (bottom), one configured as below (top)

*"New enclosure dimensions to improve termination of cables"*



OS20FP



OS63FP

| Rating @ 415v |        |        |        | Cable Cross<br>Section mm² | Dimensions |     |     | Spreader<br>Box | Number<br>of Poles    | Order Code          | Price £            |
|---------------|--------|--------|--------|----------------------------|------------|-----|-----|-----------------|-----------------------|---------------------|--------------------|
| [1th A]       | [AC21] | [AC22] | [AC23] |                            | H          | W   | D   |                 |                       |                     |                    |
| 20            | 7.5    | 11     | 15     | 0.75 .. 10                 | 300        | 240 | 120 | SB1G            | 3+detach neutral<br>4 | OS20TPN<br>OS20FP   | 102.34<br>114.81   |
| 32            | 15     | 18     | 25     | 0.75 .. 10                 | 300        | 240 | 120 | SB1G            | 3+detach neutral<br>4 | OS32TPN<br>OS32FP   | 134.13<br>143.64   |
| 63            | 30     | 37     | 55     | 2.5 .. 25                  | 400        | 300 | 160 | SB2G            | 3+detach neutral<br>4 | OS63TPN<br>OS63FP   | 226.78<br>240.29   |
| 100           | 55     | 55     | 90     | Bolt M6x20                 | 400        | 300 | 160 | SB2G            | 3+detach neutral<br>4 | OS100TPN<br>OS100FP | 384.24<br>440.85   |
| 125           | 55     | 75     | 110    | Bolt M6x20                 | 400        | 300 | 160 | SB2G            | 3+detach neutral<br>4 | OS125TPN<br>OS125FP | 415.55<br>460.46   |
| 160           | 75     | 90     | 132    | Bolt M6x20                 | 500        | 360 | 160 | SB2G            | 3+solid neutral<br>4  | OS160TPN<br>OS160FP | 445.78<br>526.78   |
| 200           | 110    | 132    | 200    | Bolt M8x25                 | 600        | 400 | 260 | SB3G            | 3+detach neutral<br>4 | OS200TPN<br>OS200FP | 562.25<br>659.21   |
| 315           | 160    | 220    | 220    | Bolt M10x30                | 600        | 400 | 260 | SB3G            | 3+detach neutral<br>4 | OS315TPN<br>OS315FP | 669.39<br>800.53   |
| 400           | 220    | 280    | 400    | Bolt M10x30                | 600        | 400 | 260 | SB3G            | 3+detach neutral<br>4 | OS400TPN<br>OS400FP | 1065.54<br>1179.90 |
| 630           | 355    | 450    | 560    | Bolt M12x40                | 800        | 600 | 300 | SB4G            | 3+detach neutral<br>4 | OS630TPN<br>OS630FP | 1565.60<br>1770.06 |

#### Knockout Configuration: (One supplied blank, one supplied as below)

|                 |                    |                            |
|-----------------|--------------------|----------------------------|
| 20 - 32A        | 2 x 20mm           | 1 x 25mm (centre)          |
| 63 - 100 - 125A | 1 x 25mm           | 1 x 32mm 1 x 40mm (centre) |
| 160 - 630A      | Blank gland plates |                            |



## Switching - MCCBs

### IP65 Steel Enclosure

3

#### MCCB 3 - 4 pole and RCD 32 ... 630A

- IP54 rated
- Powder coated textured finish (RAL 7035)
- Hinged lid complete with 2 fastening screws (removable)
- Removable gland plates fitted top and bottom (see below for knockout configurations)
- Spreader Boxes available see page 3/10
- Icu = 36kA@415v



| Rating @ 415v |       | Dimensions |     |       | Spreader Box | Order Code | Price £ |
|---------------|-------|------------|-----|-------|--------------|------------|---------|
| [Ith A]       |       | H          | W   | D     |              |            |         |
| 32A           | 3pole | 400        | 300 | 180*  | SB2G         | MCCB32TP   | 320.27  |
|               | 4pole | 400        | 300 | 180*  | SB2G         | MCCB32FP   | 370.63  |
| 63A           | 3pole | 400        | 300 | 180*  | SB2G         | MCCB63TP   | 320.27  |
|               | 4pole | 400        | 300 | 180*  | SB2G         | MCCB63FP   | 370.63  |
| 100A          | 3pole | 400        | 300 | 180*  | SB2G         | MCCB100TP  | 320.27  |
|               | 4pole | 400        | 300 | 180*  | SB2G         | MCCB100FP  | 370.63  |
| 125A          | 3pole | 400        | 300 | 180*  | SB2G         | MCCB125TP  | 323.19  |
|               | 4pole | 400        | 300 | 180*  | SB2G         | MCCB125FP  | 395.13  |
| 160A          | 3pole | 400        | 300 | 180*  | SB2G         | MCCB160TP  | 323.19  |
|               | 4pole | 400        | 300 | 180*  | SB2G         | MCCB160FP  | 395.13  |
| 250A          | 3pole | 500        | 360 | 180*  | SB2G         | MCCB250TP  | 544.08  |
|               | 4pole | 500        | 360 | 180*  | SB2G         | MCCB250FP  | 662.80  |
| 400A          | 3pole | 800        | 600 | 250** | SB4G         | MCCB400TP  | 706.82  |
|               | 4pole | 800        | 600 | 250** | SB4G         | MCCB400FP  | 862.01  |
| 630A          | 3pole | 800        | 600 | 250** | SB4G         | MCCB630TP  | 930.17  |
|               | 4pole | 800        | 600 | 250** | SB4G         | MCCB630FP  | 1133.77 |

\* add 59mm for handle \*\* add 50mm for handle

#### Knockout Configuration:

|                 |                    |          |                   |
|-----------------|--------------------|----------|-------------------|
| 20 - 32A        | 2 x 20mm           | 1 x 25mm |                   |
| 63 - 100 - 125A | 1 x 25mm           | 1 x 32mm | 1 x 40mm (centre) |
| 160 - 630A      | Blank gland plates |          |                   |

## Switching - BS Fuse Range



3



ANIT



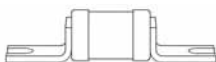
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ATIS



AOS80-100



AOS125-200



ATCP  
ATFP



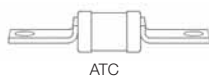
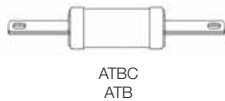
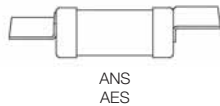
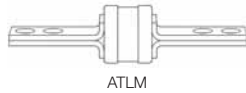
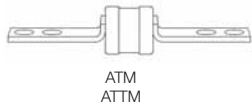
ATC



ATF  
ATKF  
ATMF  
ATKM

| Description (mm) | Fixing Centres Number | MEM Part Number | GEC Part Number | Bussman Part Number | ABB Part Number | Price £ |
|------------------|-----------------------|-----------------|-----------------|---------------------|-----------------|---------|
| 2A A1 fuselink   | 44.5                  | 2SA2            | NIT2            | NITD2               | ANIT2           | 1.27    |
| 4A A1 fuselink   | 44.5                  | 4SA2            | NIT4            | NITD4               | ANIT4           | 1.27    |
| 6A A1 fuselink   | 44.5                  | 6SA2            | NIT6            | NITD6               | ANIT6           | 1.27    |
| 10A A1 fuselink  | 44.5                  | 10SA2           | NIT10           | NITD10              | ANIT10          | 1.27    |
| 16A A1 fuselink  | 44.5                  | 16SA2           | NIT16           | NITD16              | ANIT16          | 1.27    |
| 20A A1 fuselink  | 44.5                  | 20SA2           | NIT20           | NITD20              | ANIT20          | 1.70    |
| 25A fuselink     | 44.5                  | 25SA2           | NIT25           | NITD25              | ANIT25          | 1.82    |
| 32A fuselink     | 44.5                  | 32SA2           | NIT32           | NITD32              | ANIT32          | 1.82    |
|                  |                       |                 |                 |                     |                 |         |
| 2A A2 fuselink   | 73                    | 2SB3            | TIA2            | AA02                | ATIA2           | 2.04    |
| 4A A2 fuselink   | 73                    | 4SB3            | TIA4            | AA04                | ATIA4           | 2.04    |
| 6A A2 fuselink   | 73                    | 6SB3            | TIA6            | AA06                | ATIA6           | 2.04    |
| 10A A2 fuselink  | 73                    | 10SB3           | TIA10           | AA10                | ATIA10          | 2.04    |
| 16A A2 fuselink  | 73                    | 16SB3           | TIA16           | AA16                | ATIA16          | 2.04    |
| 20A A2 fuselink  | 73                    | 20SB3           | TIA20           | AA20                | ATIA20          | 2.26    |
| 25A A2 fuselink  | 73                    | 25SB3           | TIA25           | AA25                | ATIA25          | 2.41    |
| 32A A2 fuselink  | 73                    | 32SB3           | TIA32           | AA32                | ATIA32          | 2.41    |
|                  |                       |                 |                 |                     |                 |         |
| 35A A3 fuselink  | 73                    | 35SB4           | TIS35           | -                   | ATIS35          | 3.83    |
| 40A A3 fuselink  | 73                    | 40SB4           | TIS40           | BA040               | ATIS40          | 3.83    |
| 50A A3 fuselink  | 73                    | 50SB4           | TIS50           | BA050               | ATIS50          | 3.83    |
| 63A A3 fuselink  | 73                    | 63SB4           | TIS63           | BA063               | ATIS63          | 4.08    |
|                  |                       |                 |                 |                     |                 |         |
| 80A fuselink     | 73                    | 80SO            | OS80            | OSD80               | AOS80           | 4.31    |
| 100A fuselink    | 73                    | 100SO           | OS100           | OSD100              | AOS100          | 4.76    |
| 125A fuselink    | 73                    | 125SO           | OS125           | -                   | AOS125          | 9.91    |
| 160A fuselink    | 73                    | 160SO           | OS160           | -                   | AOS160          | 10.91   |
| 200A fuselink    | 73                    | 200SO           | OS200           | -                   | AOS200          | 11.42   |
|                  |                       |                 |                 |                     |                 |         |
| 80A A4 fuselink  | 94                    | 80SDS           | TCP80           | CD80                | ATCP80          | 5.83    |
| 100A A4 fuselink | 94                    | 100SDS          | TCP100          | CD100               | ATCP100         | 5.83    |
|                  |                       |                 |                 |                     |                 |         |
| 125A fuselink    | 94                    | 125SD5          | TFP125          | DD125               | ATFP125         | 10.00   |
| 160A fuselink    | 94                    | 160SD6          | TFP160          | DD160               | ATFP160         | 10.91   |
| 200A fuselink    | 94                    | 200SD6          | TFP200          | DD200               | ATFP200         | 11.41   |
|                  |                       |                 |                 |                     |                 |         |
| 80A B1 fuselink  | 111                   | 80SF5           | TC80            | -                   | ATC80           | 5.83    |
| 100A B1 fuselink | 111                   | 100SF5          | TC100           | -                   | ATC100          | 5.83    |
|                  |                       |                 |                 |                     |                 |         |
| 125A B2 fuselink | 111                   | 125SF5          | TF125           | -                   | ATF125          | 9.94    |
| 160A B2 fuselink | 111                   | 160SF5          | TF160           | -                   | ATF160          | 10.91   |
| 200A B2 fuselink | 111                   | 200SF5          | TF200           | -                   | ATF200          | 11.42   |
|                  |                       |                 |                 |                     |                 |         |
| 250A B3 fuselink | 111                   | 250SF7          | TKF250          | ED250               | ATKF250         | 14.41   |
| 315A B3 fuselink | 111                   | 315SF7          | TKF315          | ED315               | ATKF315         | 16.06   |
|                  |                       |                 |                 |                     |                 |         |
| 355A B4 fuselink | 111                   | 355SF8          | TMF355          | ED355               | ATMF355         | 20.15   |
| 400A B4 fuselink | 111                   | 400SF8          | TMF400          | ED400               | ATMF400         | 21.39   |
| 450A fuselink    | 111                   | 450SF9          | TMF450          | -                   | ATMF450         | 31.24   |
| 500A fuselink    | 111                   | 500SF9          | TMF500          | -                   | ATMF500         | 33.47   |
| 560A fuselink    | 111                   | 560SF9          | TMF560          | -                   | ATMF560         | 34.73   |
| 630A fuselink    | 111                   | 630SF9          | TMF630          | -                   | ATMF630         | 36.67   |
|                  |                       |                 |                 |                     |                 |         |
| 250A fuselink    | 133                   | 250SG7          | TKM250          | EFS250              | ATKM250         | 14.41   |
| 315A fuselink    | 133                   | 315SG7          | TKM315          | EFS315              | ATKM315         | 16.06   |

## Switching - BS Fuse Range



| Description<br>(mm) | Fixing Centres<br>Number | MEM Part<br>Number | GEC Part<br>Number | Bussman<br>Part Number | ABB<br>Part Number | Price £ |
|---------------------|--------------------------|--------------------|--------------------|------------------------|--------------------|---------|
| 355A C1 fuselink    | 133/184                  | 355SH8             | TM355              | EF355                  | ATM355             | 20.15   |
| 400A C1 fuselink    | 133/184                  | 400SH8             | TM400              | EF400                  | ATM400             | 21.39   |
| 450A C2 fuselink    | 133/184                  | 450SH9             | TTM450             | FF450                  | ATTM450            | 31.24   |
| 500A C2 fuselink    | 133/184                  | 500SH9             | TTM500             | FF500                  | ATTM500            | 33.34   |
| 560A C2 fuselink    | 133/184                  | 560SH9             | TTM560             | FF560                  | ATTM560            | 34.73   |
| 630A C2 fuselink    | 133/184                  | 630SH9             | TTM630             | FF630                  | ATTM630            | 36.67   |
| 710A C3 fuselink    | 133/184                  | 710SH10            | TLM710             | GF710                  | ATLM710            | 70.59   |
| 800A C3 fuselink    | 133/184                  | 800SH10            | TLM800             | GF800                  | ATLM800            | 83.02   |
| 2A F1 fuselink      | 60°                      | 2SN2               | NS2                | N                      | ANS2               | 1.28    |
| 4A F1 fuselink      | 60°                      | 4SN2               | NS4                | N                      | ANS4               | 1.28    |
| 6A F1 fuselink      | 60°                      | 6SN2               | NS6                | N                      | ANS6               | 1.28    |
| 10A F1 fuselink     | 60°                      | 10SN2              | NS10               | N                      | ANS10              | 1.28    |
| 16A F1 fuselink     | 60°                      | 16SN2              | NS16               | N                      | ANS16              | 1.28    |
| 20A F1 fuselink     | 60°                      | 20SN2              | NS20               | N                      | ANS20              | 1.54    |
| 25A F1 fuselink     | 60°                      | 25SN2              | NS25               | N                      | ANS25              | 1.82    |
| 32A F1 fuselink     | 60°                      | 32SN2              | NS32               | N                      | ANS35              | 1.82    |
| 20A F2 fuselink     | 68°                      | 20SP               | ES20               | E                      | AES20              | 2.01    |
| 25A F2 fuselink     | 68°                      | 25SP               | ES25               | E                      | AES25              | 2.41    |
| 32A F2 fuselink     | 68°                      | 32SP               | ES32               | E                      | AES32              | 2.41    |
| 40A F2 fuselink     | 68°                      | 40SP               | ES40               | E                      | AES40              | 2.68    |
| 50A F2 fuselink     | 68°                      | 50SP               | ES50               | E                      | AES50              | 3.11    |
| 63A F2 fuselink     | 68°                      | 63SP               | ES63               | E                      | AES63              | 3.53    |
| 2A fuselink         | 111                      | 2SF3               | TBC2               | AD2                    | ATBC2              | 4.39    |
| 4A fuselink         | 111                      | 4SF3               | TBC4               | AD4                    | ATBC4              | 4.39    |
| 6A fuselink         | 111                      | 6SF3               | TBC6               | A                      | ATBC6              | 4.39    |
| 10A fuselink        | 111                      | 10SF3              | TBC10              | AD10                   | ATBC10             | 4.39    |
| 16A fuselink        | 111                      | 16SF3              | TBC16              | AD16                   | ATBC16             | 4.39    |
| 20A fuselink        | 111                      | 20SF3              | TBC20              | AD20                   | ATBC20             | 4.39    |
| 25A fuselink        | 111                      | 25SF3              | TBC25              | AD25                   | ATBC25             | 4.39    |
| 32A fuselink        | 111                      | 32SF3              | TBC32              | AD32                   | ATBC32             | 4.71    |
| 40A B1 fuselink     | 111                      | 40SF3              | TBC40              | BD40                   | ATBC40             | 4.71    |
| 50A B1 fuselink     | 111                      | 50SF3              | TBC50              | BD50                   | ATBC50             | 4.78    |
| 63A B1 fuselink     | 111                      | 63SF3              | TBC63              | BD63                   | ATBC63             | 5.16    |
| 32A A2 fuselink     | 73                       | 32SB3M40           | TIA32M40           | AAO32M40               | ATIA32M40          | 2.93    |
| 32A A2 fuselink     | 73                       | 32SB3M50           | TIA32M50           | AAO32M50               | ATIA32M50          | 2.93    |
| 32A A2 fuselink     | 73                       | 32SB3M63           | TIA32M63           | AAO32M63               | ATIA32M63          | 3.31    |
| 63A A3 fuselink     | 73                       | 63SB4M80           | TIS63M80           | BAO63M80               | ATIS63M80          | 5.82    |
| 63A A3 fuselink     | 73                       | 63B4M100           | TIS63M100          | BAO63M100              | ATIS63M100         | 6.07    |
| 100A A4 fuselink    | 94                       | 100SD5M125         | TCP100M125         | CD100M125              | ATCP100M125        | 9.91    |
| 100A A4 fuselink    | 94                       | 100SD5M160         | TCP100M160         | CD100M160              | ATCP100M160        | 10.02   |
| 100A A4 fuselink    | 94                       | 100SD5M200         | TCP100M200         | CD100M160              | ATCP100M200        | 11.34   |
| 100A B1 fuselink    | 111                      | 100SF5M125         | TC100M125          | C                      | ATC100M125         | 9.90    |
| 100A B1 fuselink    | 111                      | 100SF5M160         | TC100M160          | C                      | ATC100M160         | 10.04   |
| 100A B1 fuselink    | 111                      | 100SF5M200         | TC100M200          | C                      | ATC100M200         | 11.34   |
| 200A B2 fuselink    | 111                      | 200SF6M250         | TF200M250          | DD200M250              | ATF200M250         | 15.67   |
| 200A B2 fuselink    | 111                      | 200SF6M315         | TF200M315          | DD200M315              | ATF200M315         | 17.31   |
| 315A B3 fuselink    | 111                      | 315SF7M400         | TKF315M400         | ED315M400              | ATKF315M400        | 22.43   |
| 400A B4 fuselink    | 111                      | 400SF8M500         | TMF400M500         | ED400M500              | ATMF400M500        | 53.87   |



OA1G10



OEA28



SB1G



SB4G

## Auxiliary Contacts

| Description                   | Mounting Position          | Suitable Switch | Order Code           | Price £ |
|-------------------------------|----------------------------|-----------------|----------------------|---------|
| Auxiliary Contact 1 n/o       | Right hand side (max 2)    | OT16 ... 125    | OA1G10               | 4.98    |
| Auxiliary Contact 1 n/c       | Left hand side (max 2)     | OT16 ... 125    | OA1G01               | 4.98    |
| Auxiliary Contact 1 n/o       | Max 6 contacts per switch  | OS20 ... 32     | OA1G10 <sup>1)</sup> | 4.98    |
| Auxiliary Contact 1 n/c       | Max 6 contacts per switch  | OS20 ... 32     | OA3G01 <sup>1)</sup> | 4.98    |
| Auxiliary Contact 1 n/o       | Max 8 contacts per switch  | OS63            | OA1G10               | 4.98    |
| Auxiliary Contact 1 n/c       | Max 8 contacts per switch  | OS63            | OA3G01               | 4.98    |
| Auxiliary Contact 1 n/o       | Max 11 contacts per switch | OS100...125     | OA1G10               | 4.98    |
| Auxiliary Contact 1 n/c       | Max 11 contacts per switch | OS100...125     | OA3G01               | 4.98    |
| Auxiliary Contact 1 n/o       |                            | OT160           | OBEA10 <sup>2)</sup> | 4.98    |
| Auxiliary Contact 1 n/c       |                            | OT160           | OBEA01 <sup>2)</sup> | 4.98    |
| Auxiliary Contact 1 n/o+1 n/c | Max 8 left side            | OT20 ... 125    | OA2G11 <sup>3)</sup> | 6.81    |
| Auxiliary Contact 1 n/o       | Max 4 under mech. cover    | OT200 ... 400   | OA1G10               | 4.98    |
| Auxiliary Contact 1 n/c       | Max 4 under mech. cover    | OT200 ... 400   | OA3G10               | 4.98    |
| Auxiliary Contact 1 n/c       | Max 4 under mech. cover    | OS200 ... 630   | OA1G01               | 4.98    |
| Auxiliary Contact 1 c/o       | Max 2                      | OS20 ... 32     | OA4B1C               | 7.66    |
| Mounting Frame                |                            | OS20 .. 32      | OSZ4                 | 3.18    |
| Mounting Frame                |                            | OT160           | OEZNP1               | 8.38    |
| Mounting Frame                | Max 8                      | OT/OS200>       | OEA28                | 8.38    |

1) Mounting frame required (OSZ4)

2) Mounting frame required (OEZNP1)

3) Fitted with (OEA28)

## Spreader Boxes

- IP65 rated
- Spreader boxes can be provided to facilitate the glanding off of larger or multi cable applications.
- When terminating a cable remove the gland plate from the switch enclosure and mount onto the spreader box.
- The spreader box is then mounted on to the switch enclosure where the gland plate has been removed by the set screws provided.

| Suitable for Loadbreak and Switchfuse   | H   | W   | D   | Order Code | Price £ |
|-----------------------------------------|-----|-----|-----|------------|---------|
| OT20, OT32, OT63, OS20, OS32            | 160 | 160 | 120 | SB1G       | 58.13   |
| OT100, OT125, OT160, OT200              | 260 | 260 | 215 | SB2G       | 72.67   |
| OT315, OT400, OS63, OS100, OS125, OS160 | 400 | 400 | 165 | SB3G       | 101.73  |
| OT630, OT800, OS200, OS315, OS400       | 500 | 500 | 155 | SB4G       | 118.70  |

| Suitable for Changeover and MCCB                   | H   | W   | D   | Order Code | Price £ |
|----------------------------------------------------|-----|-----|-----|------------|---------|
| OT20_C, OT32_C, OT63_C, OT125_C                    | 160 | 160 | 120 | SB1G       | 58.13   |
| MCCB32, MCCB63, MCCB100, MCCB125, MCCB160, MCCB250 | 260 | 260 | 215 | SB2G       | 72.67   |
| OT200_C, OT315_C, OT400_C, OT630_C                 | 500 | 500 | 155 | SB4G       | 118.70  |
| OT800_C, MCCB400, MCCB630                          |     |     |     |            |         |

### Enclosed Cam switches

- For use where multi-pole switching is required
- Neutral and earth terminal, 6mm<sup>2</sup> included

#### ON-OFF Switches IP65

| No of Poles | Function | Dimensions |    |     | Order Code | Price £ |
|-------------|----------|------------|----|-----|------------|---------|
|             |          | H          | W  | D   |            |         |
| 2 pole      | O - I    | 96         | 96 | 70  | ONA2EPB    | 14.27   |
| 3 pole      | O - I    | 96         | 96 | 70  | ONA3EPB    | 15.80   |
| 4 pole      | O - I    | 96         | 96 | 70  | ONA4EPB    | 17.34   |
| 5 pole      | O - I    | 96         | 96 | 85  | ONA5EPB    | 23.71   |
| 6 pole      | O - I    | 96         | 96 | 85  | ONA6EPB    | 25.41   |
| 8 pole      | O - I    | 96         | 96 | 108 | ONA8EPB    | 38.47   |
| 9 pole      | O - I    | 96         | 96 | 138 | ONA9EPB    | 40.87   |

#### ON-OFF Switches, Padlockable Handle IP65

| No of Poles | Function | Dimensions |    |     | Order Code | Price £ |
|-------------|----------|------------|----|-----|------------|---------|
|             |          | H          | W  | D   |            |         |
| 2 pole      | O - I    | 96         | 96 | 70  | ONA2EZB    | 17.71   |
| 3 pole      | O - I    | 96         | 96 | 70  | ONA3EZB    | 19.24   |
| 4 pole      | O - I    | 96         | 96 | 70  | ONA4EZB    | 20.77   |
| 5 pole      | O - I    | 96         | 96 | 85  | ONA5EZB    | 23.71   |
| 6 pole      | O - I    | 96         | 96 | 85  | ONA6EZB    | 25.41   |
| 8 pole      | O - I    | 96         | 96 | 108 | ONA8EZB    | 38.47   |
| 9 pole      | O - I    | 96         | 96 | 138 | ONA9EZB    | 40.87   |

#### ON-OFF Switches, Key Operated IP54

| No of Poles | Function | Dimensions |    |     | Order Code | Price £ |
|-------------|----------|------------|----|-----|------------|---------|
|             |          | H          | W  | D   |            |         |
| 3 pole      | O - I    | 96         | 96 | 100 | ONA2EKB    | 24.21   |

#### Change-over Switches IP65

| No of Poles | Function  | Dimensions |    |     | Order Code | Price £ |
|-------------|-----------|------------|----|-----|------------|---------|
|             |           | H          | W  | D   |            |         |
| 1 pole      | 1 - O - 2 | 96         | 96 | 100 | ONU1EPB    | 13.73   |

#### Reversing Switches IP65

| No of Poles | Function  | Dimensions |    |     | Order Code | Price £ |
|-------------|-----------|------------|----|-----|------------|---------|
|             |           | H          | W  | D   |            |         |
| 3 pole      | 1 - O - 2 | 96         | 96 | 100 | ONW3EPB    | 26.62   |

#### Star Delta Switches IP65

| (A) | Function  | Dimensions |     |     | Order Code | Price £ |
|-----|-----------|------------|-----|-----|------------|---------|
|     |           | H          | W   | D   |            |         |
| 25  | O - Y - Δ | 305        | 215 | 185 | ONSDEPB    | 35.05   |
| 40  | O - Y - Δ | 305        | 215 | 185 | OL40SDEPB  | 43.62   |

#### Empty Enclosure IP65

|                         | Dimensions |    |     | Order Code | Price £ |
|-------------------------|------------|----|-----|------------|---------|
|                         | H          | W  | D   |            |         |
| Complete with knockouts | 96         | 96 | 108 | OTC4-M25   | 7.83    |



ONA\_EPB



ONA3EKB



ONA\_EZB



OTU16B3M6



OTC2\_M25

### Ammeter - Voltmeter Switches

- Black handle and frontplate with standard text are included.

#### Ammeter Switches

For 3 current transformer circuit, with 0 - position

| Miniature Door Mounted | No of Stages | Thermal [A] | Order Code | Price £ |
|------------------------|--------------|-------------|------------|---------|
| Single Pole            | 3            | 10          | OMAU31PB   | 15.53   |

#### Normal Door Mounted

|                                          |   |    |          |       |
|------------------------------------------|---|----|----------|-------|
| Single Pole                              | 3 | 25 | ONAU31PB | 16.76 |
| 2 Pole or Direct Measurement in 3 Phases | 5 | 25 | ONAU32PB | 22.47 |

#### Modular DIN Rail Mounted

|             |   |    |         |       |
|-------------|---|----|---------|-------|
| Single Pole | 4 | 25 | ONAU31M | 18.72 |
|-------------|---|----|---------|-------|

### Voltmeter Switches

4 positions, 3 phase - 3 wire, with 0 - position

| Miniature Door Mounted | No of Stages | Thermal [A] | Order Code | Price £ |
|------------------------|--------------|-------------|------------|---------|
| O, L1-L2, L2-L3, L3-L1 | 2            | 10          | OMV3PB     | 12.39   |

#### Normal Door Mounted

|                        |   |    |        |       |
|------------------------|---|----|--------|-------|
| O, L1-L2, L2-L3, L3-L1 | 2 | 25 | ONV3PB | 13.22 |
|------------------------|---|----|--------|-------|

#### Modular DIN Rail Mounted

|                        |   |    |       |       |
|------------------------|---|----|-------|-------|
| O, L1-L2, L2-L3, L3-L1 | 2 | 25 | ONV3M | 14.77 |
|------------------------|---|----|-------|-------|

3 positions, 3 phase - 3 wire, with 0 - position

| Miniature Door Mounted | No of Stages | Thermal [A] | Order Code | Price £ |
|------------------------|--------------|-------------|------------|---------|
| L1-L2, L2-L3, L3-L1    | 2            | 10          | OMVN3PB    | 12.39   |

#### Normal Door Mounted

|                     |   |    |         |       |
|---------------------|---|----|---------|-------|
| L1-L2, L2-L3, L3-L1 | 2 | 25 | ONVN3PB | 16.76 |
|---------------------|---|----|---------|-------|

#### Modular DIN Rail Mounted

|                     |   |    |        |       |
|---------------------|---|----|--------|-------|
| L1-L2, L2-L3, L3-L1 | 2 | 25 | ONVN3M | 17.50 |
|---------------------|---|----|--------|-------|

7 positions, 3 phase to phase, 3 phase to neutral, with 0 - position

| Miniature Door Mounted               | No of Stages | Thermal [A] | Order Code | Price £ |
|--------------------------------------|--------------|-------------|------------|---------|
| L1-L3, L2-L3, L1-L2 L1-N, L2-N, L3-N | 3            | 10          | OMVN3PB    | 12.39   |

#### Normal Door Mounted

|                                      |   |    |          |       |
|--------------------------------------|---|----|----------|-------|
| L1-L3, L2-L3, L1-L2 L1-N, L2-N, L3-N | 3 | 25 | OMVN30PB | 15.72 |
|--------------------------------------|---|----|----------|-------|

#### Modular DIN Rail Mounted

|                                      |   |    |         |       |
|--------------------------------------|---|----|---------|-------|
| L1-L3, L2-L3, L1-L2 L1-N, L2-N, L3-N | 3 | 25 | OMVN30M | 15.69 |
|--------------------------------------|---|----|---------|-------|

